



KBS4 Keyboard

Installation and
Operation Guide



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Whilst every attempt is made to ensure these manuals are accurate and current, Dedicated Micros reserve the right to alter or modify the specification of the machine described herein without prejudice.

Introduction



What is the ...

KBS4 Keyboard ?

The Dedicated Micros KBS4 remote digital keyboard has been specifically designed for use with the DM NetVu Console. The keyboard allows full PTZ control with the 3-axis joystick enabling an Operator to command pan, tilt and zoom functionality. The telemetry buttons enable any telemetry features on DM or Dennard domes to be utilised whilst the majority of features on 3rd party PTZ and Dome cameras are additionally supported.

For further information, please visit the website:

www.dedicatedmicros.com

or contact customer services in your region.

Important Safeguards

Read Instructions

All the safety and operating instructions should be read before the unit is operated and adhered to during operation. These instructions should be retained with the unit, and all warnings and cautions contained should be heeded.

Power Sources

This unit should be operated only from the type of power source indicated on the manufacturer's label.

Servicing and Repair

Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards.

Refer all servicing and repair to qualified service personnel.

Equipment

Use only attachments/accessories specified by the manufacturer.

Ventilation

Ensure unit is properly ventilated to protect from overheating.



CE Mark

If this product is marked with the CE symbol it indicates compliance with all applicable directives.

Directive 89/336/EEC.

A 'Declaration of Conformity' is held at Dedicated Micros Ltd., 1200 Daresbury Park, Daresbury, Cheshire, WA4 4HS.

This product is marked with the CE symbol and indicates compliance with all applicable Directives. A "Declaration of Conformity" is held at Dedicated Micros Ltd, 1200 Daresbury Park, Daresbury, Cheshire WA4 4HS www.dedicatedmicros.com

Hereby, Dedicated Micros LTD, declares that this Analogue to IP Codec is in compliance with the essential requirements and other relevant provisions of Directive 95/5/EC.

Marking by the symbol CE indicates compliance of this Dedicated Micros product to the Electromagnetic Compatibility Directive 89/336/EEC, and the Low Voltage Directive 73/23/EEC of the European Union. Such marking is indicative that this system meets the following technical standards

- EN 61000-6-3 EMC Standard Residential, Commercial and Light Industry.
- EN 62000-3-3 Limitations of voltage changes, fluctuations and flicker in public low-voltage supply systems for equipment with rated current up to 16A.
- EN 61000-3-2 Limits for harmonic current emissions for equipment with rated current up to 16A.
- EN 50130-4 Immunity requirements for components of fire, intruder and social alarm systems.
- EN 60950 Safety of IT and similar equipment.
- EN 55022 Class A. Radiated Emissions Standard, suitable for Commercial or Residential use

Further details about these applicable standards can be obtained from Dedicated Micros Ltd, 1200 Daresbury Park, Daresbury, Cheshire WA4 4HS

RF Interference warning

This is a class A product. In a domestic environment this product may cause radio frequency interference , in which case the user may be required to take adequate measures.

Canadian EMC statement

This product is compliant with Class A ICES-003

Note: *This Class A product meets the requirements of the Canadian Interference causing equipment regulations. Cet appareil numerique de la Classe A, respect toutes les exigences du reglement sur le materiel brouilleur du Canada.*

Connecting The Keyboard

Before you start

Connecting To NetVu connected products

Local Connection

The KBS4 is supplied with an RJ12 cable. All Data and Power connections are provided via this link. If connection is required over a distance greater than 5m, an additional local power supply connection is required.












Remote Connection

The KBS4 can be connected to a NetVu Console unit or a compatible DVR/Server over a distance of up to 1km, using a screened twisted pair cable. This configuration will require a breakout cable connection and a keyboard Power Supply Unit (PSU).

An Accessory kit (ref no:DM/KBC/ACC) enables remote connection using dual break out boxes and a remote PSU.

Using The Keyboard



Button	Description	Function
	Live/Play	Puts the unit into Live mode
	Display	Not supported
	High/Low	Not supported
	R/G/Y/B/P	Activates the relevant softkey function
	Help	Not supported
	Audio	Not supported
	Panic	Not supported
	Event	Display the controls and selections for Event from the most recently controlled unit
	Goto	Display the controls and selections for Go To function
	Copy	Not supported
	Pause	In Live mode – Freeze the current display window In play mode – Pause video in playback



Rewind

When in Live mode – put unit into reverse playback from current time.

When in Play mode – start rewinding from the playback time.

When in Rewind mode – increase speed of rewind.

When in Pause – Step back one frame



Fast Forward

When in Play or rewind mode – start fast forwarding from the playback time

When in Fast forward mode – increase speed of FF.

When in Pause – Step forward one frame



Play

When in Live mode – put unit into playback at the last playback time stored. If no playback time then go back 10seconds

When in FF / REW / PAUSE – Initiate play at standard speed from the elapsed time



Numeric keypad

Entry of Camera, System, Preset and Monitor numbers.



Preset

Switch numeric entry mode to selecting a preset. If no numerics entered – revert to Camera after 10 seconds



System

Switch numeric entry mode to selecting a System. If no numerics entered – revert to Camera after 10 seconds



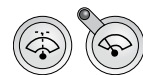
Monitor

Not supported



Camera

Revert numeric entry mode to selecting cameras



Wash / Wipe

Control of telemetry functions



Focus Far / Focus Near

Control of telemetry functions



Iris Open / Iris Close

Control of telemetry functions



Lamps

Control of telemetry functions



Auto pan

Control of telemetry functions



Patrol

Control of telemetry functions



Direction arrow up

Menu and on screen navigation keys



Direction arrow down

Menu and on screen navigation keys



Direction arrow left

Menu and on screen navigation keys



Direction arrow right

Menu and on screen navigation keys



OK

Menu / On screen action confirmation or enter



Menu

Enter menus on Console or Dome if telemetry is active



Exit

Exit menus or escape

Notes

Notes



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